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P.O. Box 1450  
Alexandria, VA 22313-1450

On November 25, 2003

TOWNSEND and TOWNSEND & CREW LLP

By: Stephanie J. Whitehurst

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

MARTH and FREEZE

Application No.: 09/857,233

Filed: December 1, 1999

For: DIAGNOSIS OF HUMAN  
GLYCOSYLATION DISORDERS

Confirmation No. 9630

Examiner: Not yet assigned

Art Unit: Not yet assigned

COMMUNICATION UNDER

37 C.F.R. §§ 1.821-1.825

AND

PRELIMINARY AMENDMENT

Attn: Ms. Karen M. Williams  
Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Notification to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures, 37 C.F.R. §§ 1.821-1.825, mailed October 27, 2003, Applicants submit herewith the required paper copy and computer readable copy of the Sequence Listing. Please amend the specification in adherence with 37 C.F.R. §§ 1.821-1.825 as follows.

**Amendments to the Specification** begin on page 3 of this paper.

Appl. No. 09/857,233  
Amdt. dated November 25, 2003  
Reply to Notification to Comply of October 27, 2003

PATENT

**Remarks** begin on page 5 of this paper.